


Sai Kumar Dasam

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 [GitHub](#)

PROFESSIONAL PROFILE

Aspiring Software Engineer pursuing a dual degree program: an Integrated Master Of Technology in Computer Science and a B.S. in Data Science. Possesses hands-on experience in full-stack web development, leveraging the MERN stack (MongoDB, Express.js, React, Node.js) and Python to build and deploy data-driven applications. Proven ability to architect solutions for complex problems, demonstrated through academic projects in web scraping, resource management, and real-time data validation. Seeking a Software Development internship to apply advanced skills in data structures, algorithms, and collaborative problem-solving to create impactful software solutions.

EDUCATION

- **University of Hyderabad | Hyderabad, India** 2023 - 2028
Integrated Master of Technology (I.M.Tech) in Computer Science and Engineering
- **Indian Institute of Technology (IIT) Madras | Online** 2023 - 2028
Bachelor of Science (B.S.) in Data Science

TECHNICAL SKILLS

Website development Technologies

- **Programming Languages:**
Python, Java, C, JavaScript, SQL
- **Frontend Technologies:**
HTMLS, CSS3, React.js, Bootstrap
- **Backend Technologies:**
Nodejs, Express-js
- **Databases:**
MongoDB, MySQL
- **Developer Tools:**
Git, GitHub, VS Code

Programming Languages

- C
- Python
- Java

Relevant Courses

- Data Structures & Algorithms (DSA)
- Theory of Computation (TOC)
- Database Management Systems
- Object-Oriented Programming

PROJECTS

- **Web Scrapper – ([GitHub](#))**
 - Developed a robust web scraping application using Node.js, Express, HTML, CSS, and JavaScript, enabling automated extraction and processing of alumni data from online sources. Implemented efficient data parsing, storage in CSV and JSON formats, and a user-friendly interface for managing scraping tasks, viewing results, and exporting datasets, enhancing data accessibility and workflow automation.
- **Class Room Booking System – ([GitHub](#))**
 - Engineered a Java-based classroom resource booking application, featuring efficient management of classrooms, labs, seminar and committee rooms, file-based data storage, intuitive menu navigation, robust booking validation, and modular class design to streamline scheduling, enhance user experience, and ensure reliable resource allocation.
- **Quiz Master**
 - Engineered a full-stack quiz management application using Python, Flask, HTML, CSS, and SQLite, featuring secure user authentication, an intuitive admin interface for managing quizzes and subjects, responsive user dashboards, and real-time quiz feedback to enhance user engagement and learning outcomes.
- **Game Club – ([GitHub](#))**
 - Developed a versatile game club platform integrating classic and modern games using HTML, CSS, JavaScript, and Python Flask, featuring interactive quizzes, user authentication, intuitive dashboards, and engaging activities to foster entertainment, learning, and community interaction.
- **Vehicle Parking –([GitHub](#))**
 - Built a full-stack parking management app with Python, Flask, HTML, CSS, and SQLite, featuring secure user authentication, admin and user dashboards, and real-time parking spot management for efficient and user-friendly operations.

LANGUAGES

- Telugu(Native)
- English(Proficient)
- Hindi(Good)